

Serial No. 10/031,176

RCA89700

In the Claims

1. (currently amended) A method for acquiring satellite signals comprising:
 - a) receiving a request to switch from a first LNB to a second LNB;
 - b) switching from the first LNB to the second LNB;
 - c) recalling from memory a local oscillator frequency offset value associated with said second LNB;
 - d) tuning a frequency for receiving a selected channel with a tuner using the local oscillator frequency offset value; and
 - e) locking said tuner to said second LNB.
2. (currently amended) The method of claim 1 wherein the tuner frequency value comprises a second LNB base frequency plus said local oscillator frequency offset value.
3. (currently amended) The method of claim 1 wherein the local oscillator frequency offset value compensates for frequency drift in the second LNB.
4. (currently amended) The method of claim 1 wherein the local oscillator frequency offset compensates for a frequency adjustment in a satellite transponder.
5. (currently amended) The method of claim 1 wherein the local oscillator frequency offset compensates for a frequency adjustment in a satellite transponder and frequency drift in the second LNB.
6. (original) The method of claim 1 further comprising activating the second LNB while tuning said tuner frequency.
7. (currently amended) The method of claim 1 wherein the local oscillator frequency offset for the second LNB is derived from a frequency drift of the first LNB.
8. (currently amended) Apparatus for acquiring satellite signals comprising:

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a tuner coupled to first and second LNBs;

a memory, coupled to said tuner, for storing a first local oscillator frequency offset value for the first LNB and a second local oscillator frequency offset value for the second LNB, said tuner being tuned to a frequency using said second local oscillator frequency offset value and is locked to the second LNB upon switching from the first LNB to the second LNB thus enabling acquisition of a satellite signal.

9. (currently amended) The apparatus of claim 8 wherein said tuner comprises a local oscillator having a frequency substantially equal to a base frequency plus either the first or second local oscillator frequency offset value.

10. (currently amended) The apparatus of claim 8 wherein the first and second local oscillator frequency offset values represent the respective frequency drifts of the first and second LNBs.

11. (currently amended) The apparatus of claim 8 wherein said first local oscillator frequency offset value comprises a local oscillator frequency offset value for each transponder associated with the first LNB and said second local oscillator frequency offset value comprises a local oscillator frequency offset value for each transponder associated with the second LNB.

12. (previously cancelled)